

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

1. – 7. (Canceled)

8. (Currently Amended) A method for determining deficiency of
~~testing an endurance of an optical disc, comprising:~~

disposing the optical disc on a rotation plate;

rotating the optical disc along with the rotation plate;

applying pressure on the optical disc using a scratching unit while the optical disc rotates for up to five rotation turns, so as to produce a scratch on a surface of the optical disc, resulting from a contact with the scratching unit;
and

determining whether the optical disc is deficient or normal on the basis of the scratch produced on the optical disc,

wherein the optical disc is determined to be deficient if a jitter value measured from the scratch is over ~~the endurance of the optical disc based on a jitter value of 10%.~~

9. (Cancelled)

10. (Previously Presented) The method according to claim 8, wherein the applying step applies pressure based on a number of rotation turns of the optical disc.

11. (Previously Presented) The method according to claim 10, wherein the applying step applies pressure inversely proportional to the number of rotation turns of the optical disc.

12. (Previously Presented) The method according to claim 8, wherein the applying step applies pressure in a range of 0.05 kgf/cm² to 5 kgf/cm².

13. (Previously Presented) The method according to claim 8, wherein the scratching unit includes steel wool for forming scratches on the optical disc.

14. (Previously Presented) The method according to claim 8, wherein the determining step determines the optical disc to be deficient if a depth of the scratch is equal to or more than 2 micrometers (μm), and determines the optical disc to be normal if the depth of the scratch is less than 2 micrometers (μm).

15. – 17. (Cancelled)

18. (Previously Presented) The method according to claim 8, further determining the endurance of the optical disc based on a symbol error rate (SER).

19. (Previously Presented) The method according to claim 8, further determining the endurance of the optical disc based on a bit error rate (BER).

20. (Previously Presented) The method according to claim 8, further determining the endurance of the optical disc based on a servo error signal.

21. (Previously Presented) The method according to claim 8, further determining the endurance of the optical disc based on a tracking error signal.